

FIG. 1

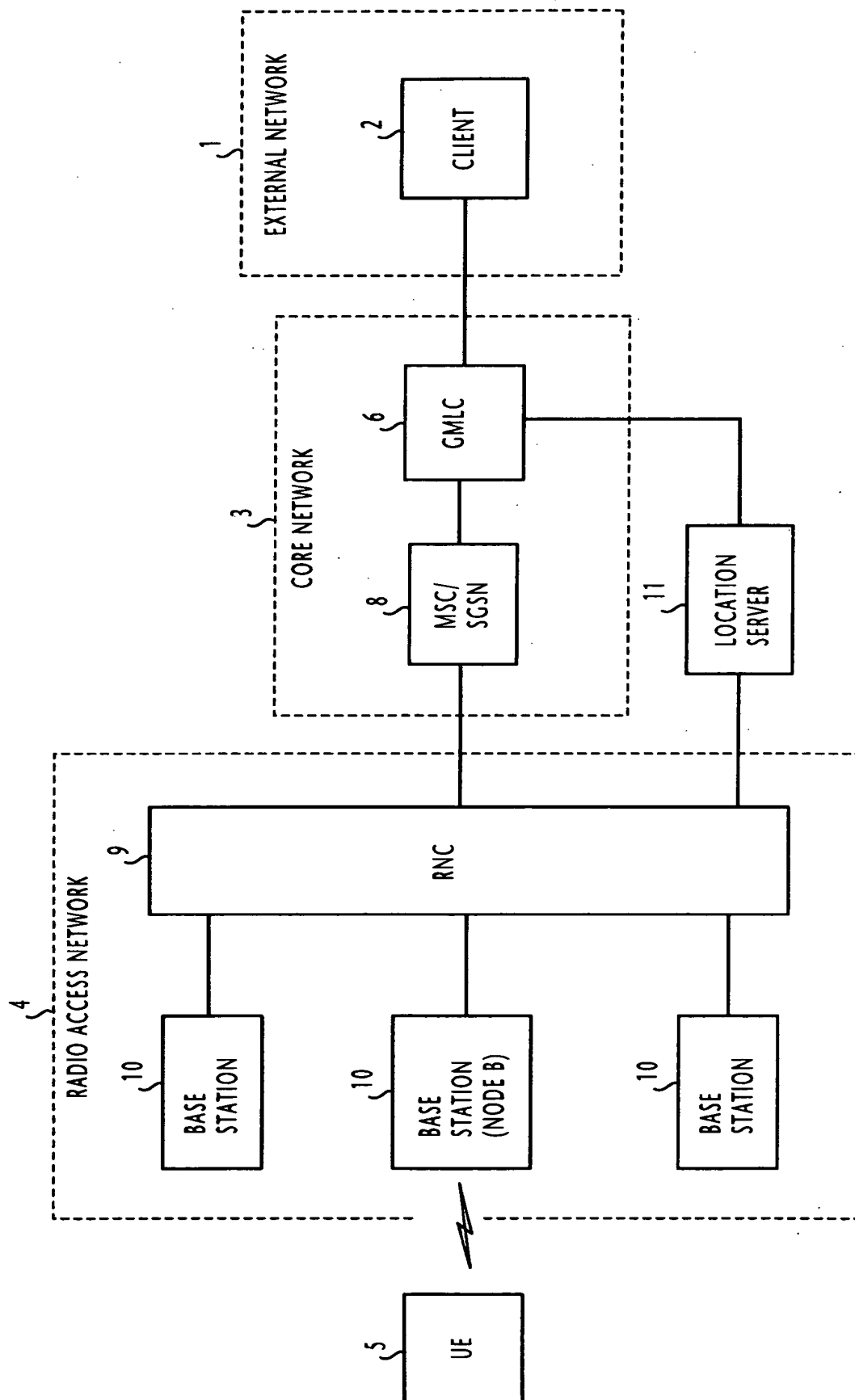


FIG. 2

LEGEND:

CR = CONNECTION REQUEST MESSAGE
 CS = CONNECTION SETUP MESSAGE
 CSC = CONNECTION SETUP COMPLETE MESSAGE (SEE FIG. 3A)
 LRQ = LOCATION REQUEST MESSAGE
 LRC = LOCATION REPORTING CONTROL MESSAGE (SEE FIG. 3B)
 MC = MEASUREMENT CONTROL MESSAGE (SEE FIG. 3C)
 ADR = ASSISTANCE DATA REQUEST MESSAGE (SEE FIG. 3D)
 ADD = ASSISTANCE DATA DELIVERY MESSAGE
 CMI = COMMON MEASUREMENT INITIATION MESSAGE
 CMIR = COMMON MEASUREMENT INITIATION RESPONSE MESSAGE
 MRP = MEASUREMENT REPORT MESSAGE
 LRP = LOCATION REPORT MESSAGE

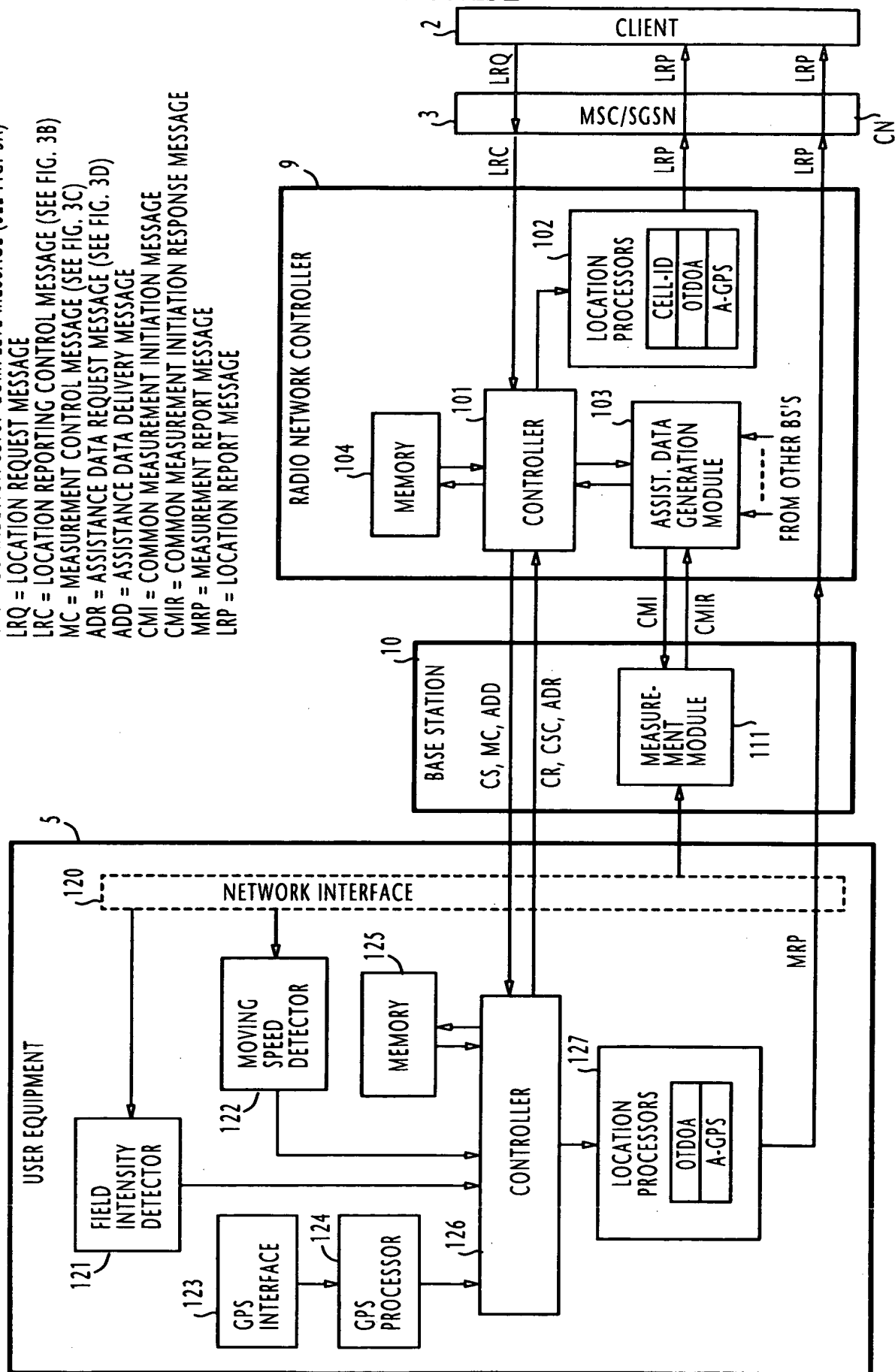


FIG. 3A

CONNECTION SETUP COMPLETE MESSAGE
 (FROM UE TO RNC)

	FIELDS	CAPABILITIES SUPPORTED BY UE
31	POSITIONING METHOD SELECTABILITY	"1" = SUPPORTED "0" = NOT SUPPORTED
32	UE-BASED OTDOA	"1" = SUPPORTED "0" = NOT SUPPORTED
33	NETWORK ASSISTED GPS	"0" = NETWORK-BASED GPS IS SUPPORTED "1" = UE-BASED GPS IS SUPPORTED "2" = BOTH NETWORK- AND UE-BASED GPS ARE SUPPORTED "3" = NOT SUPPORTED

FIG. 3B

LOCATION REPORTING CONTROL MESSAGE
 (FROM MSC/SGSN TO RNC)

	FIELDS	ACCURACY REQUESTED BY CLIENT
34	HORIZONTAL ACCURACY CODE	HORIZONTAL ACCURACY REQUESTED BY CLIENT
35	VERTICAL ACCURACY CODE	VERTICAL ACCURACY REQUESTED BY CLIENT
36	RESPONSE TIME	REQUESTED WAITING TIME TO RECEIVE LOC. REPORT

FIG. 3C

MEASUREMENT CONTROL MESSAGE
 (FROM RNC TO UE)

FIELDS	METHOD TO BE USED
37 POSITIONING METHODS	"0" = CELL ID SPECIFIED BY RNC "1" = OTDOA SPECIFIED BY RNC "2" = GPS SPECIFIED BY RNC "3" = OTDOA OR GPS SPECIFIED BY RNC "4" = UE IS RESPONSIBLE FOR SELECTING POSITIONING METHOD
38 HORIZONTAL ACCURACY CODE	COPIED FROM LRC MESSAGE
39 VERTICAL ACCURACY CODE	COPIED FROM LRC MESSAGE
40 RESPONSE TIME	COPIED FROM LRC MESSAGE

FIG. 3D

ASSISTANCE DATA REQUEST MESSAGE
 (FROM UE TO RNC)

FIELDS	METHOD SELECTED BY UE
41 POSITIONING METHODS	"0" = RESERVED "1" = OTDOA "2" = GPS "3" = OTDOA AND GPS
42 METHOD TYPE	"0" = UE-BASED "1" = UE-ASSITED

FIG. 4

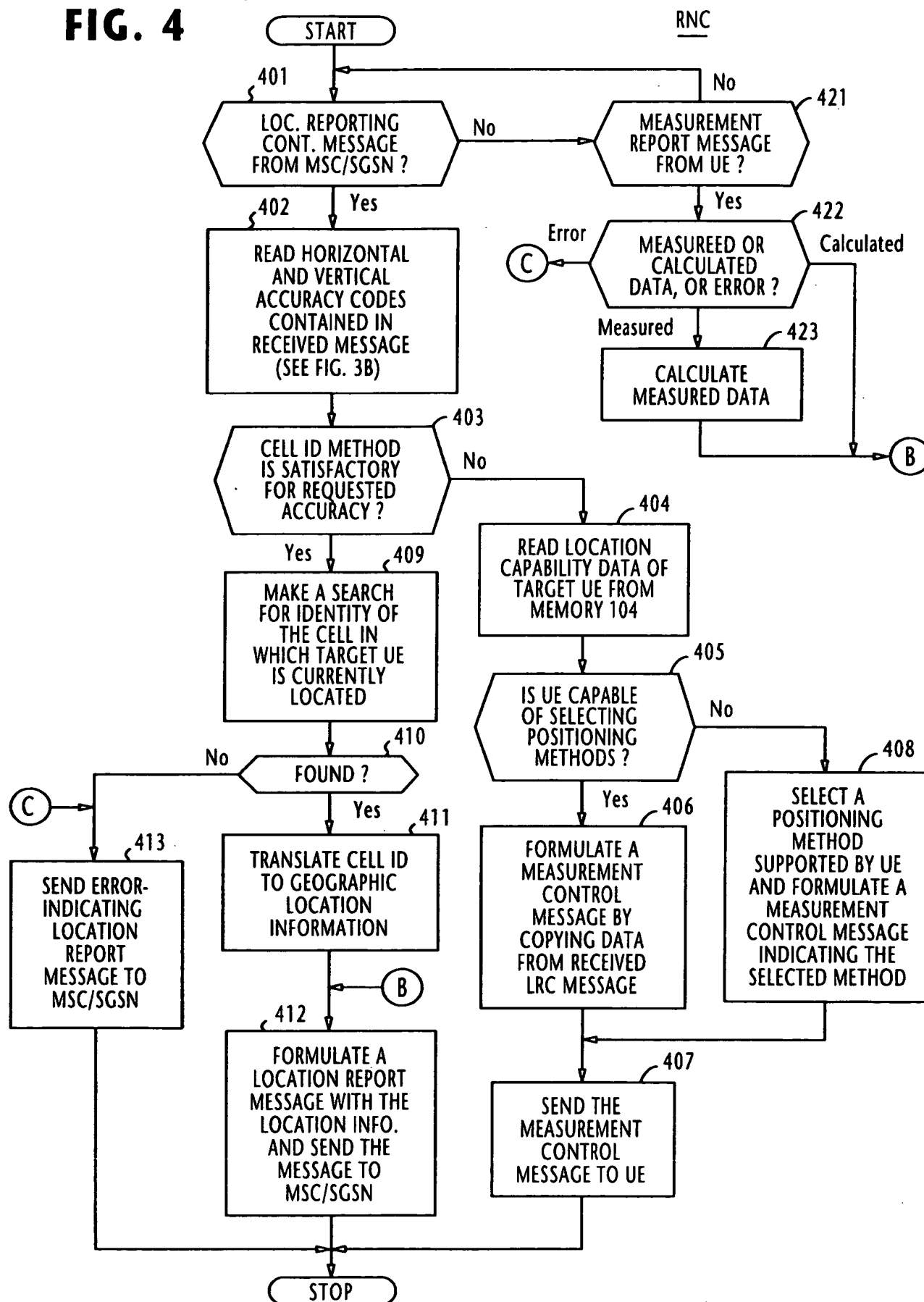


FIG. 5

UE

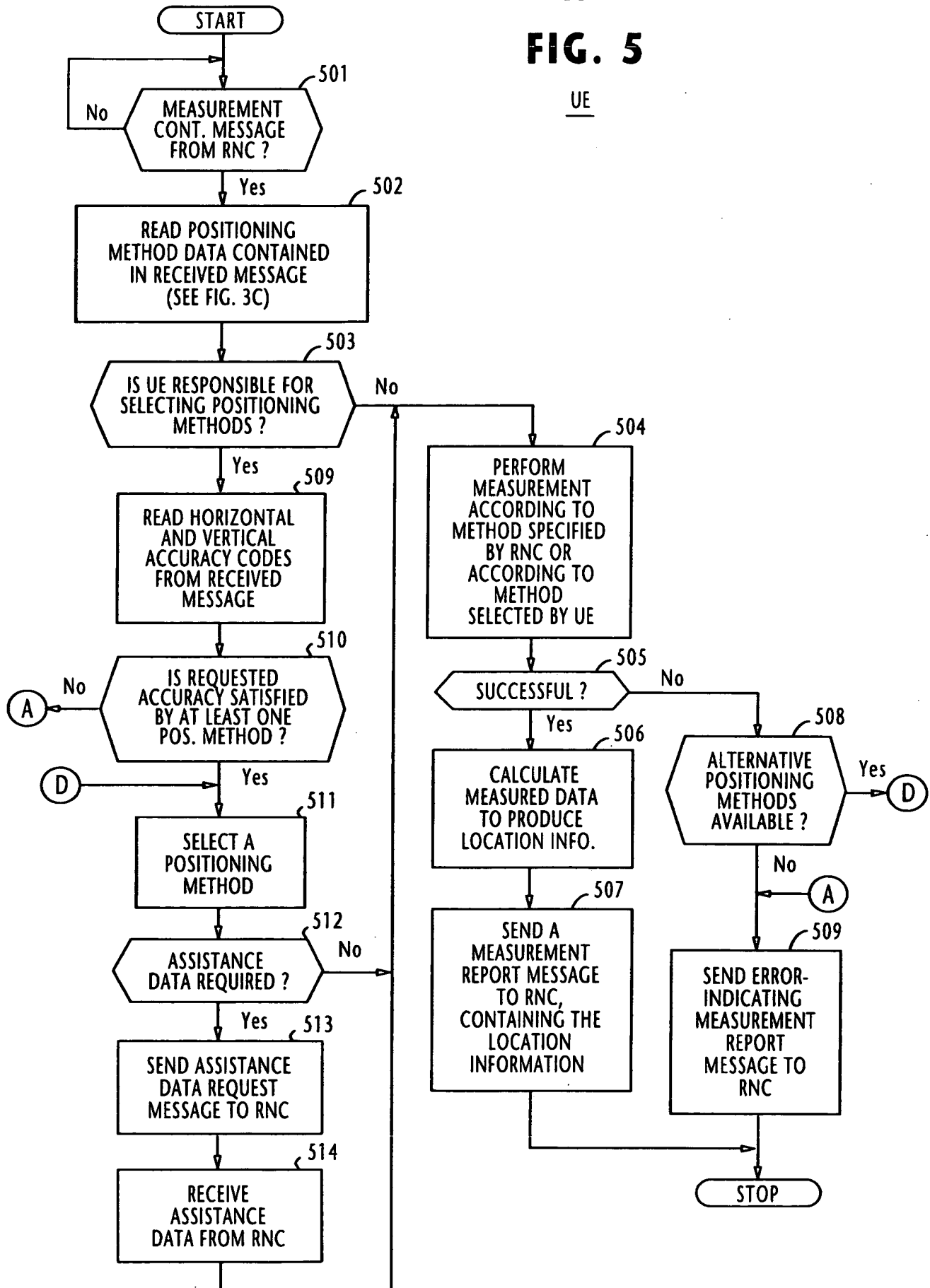


FIG. 6

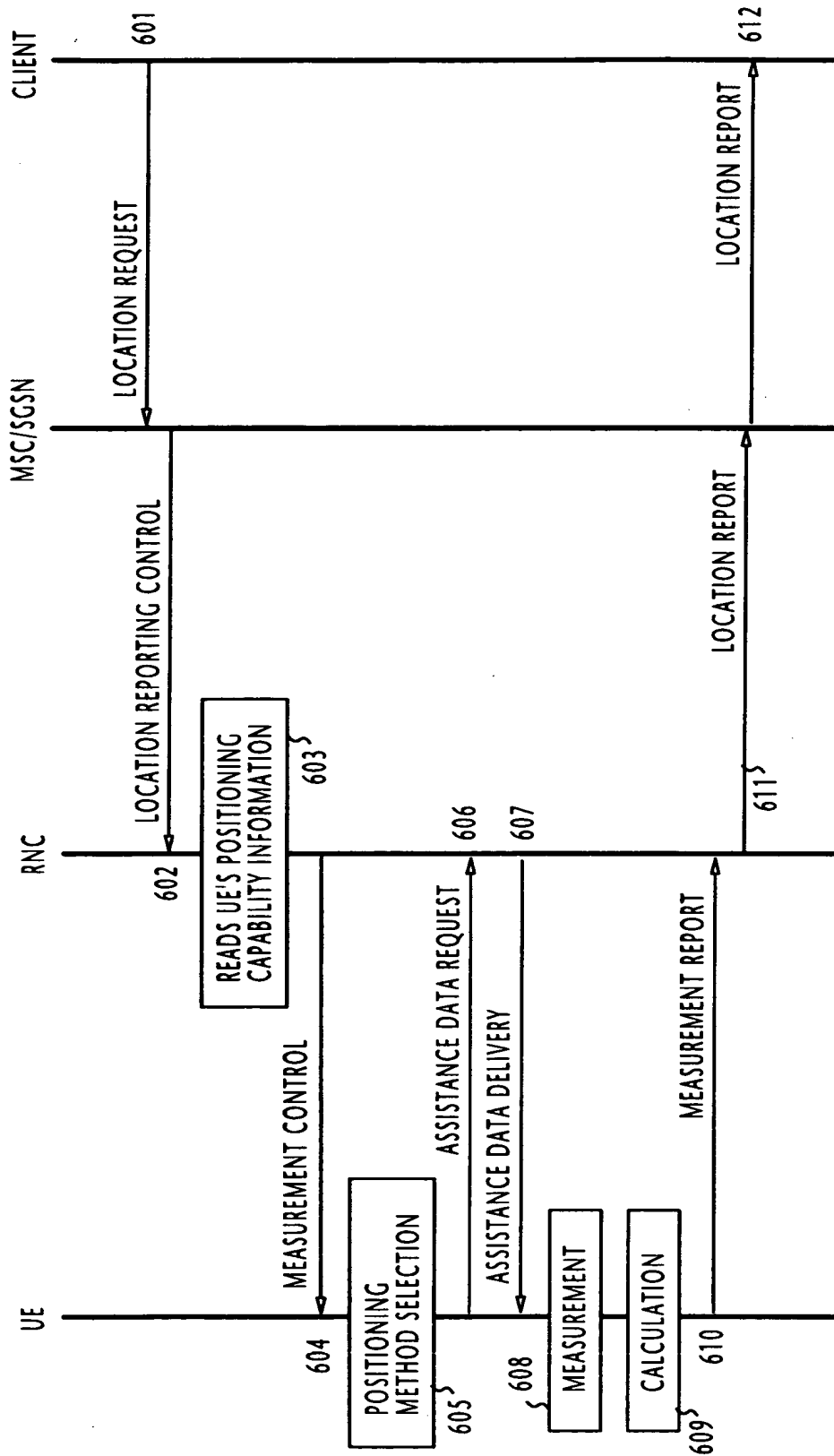
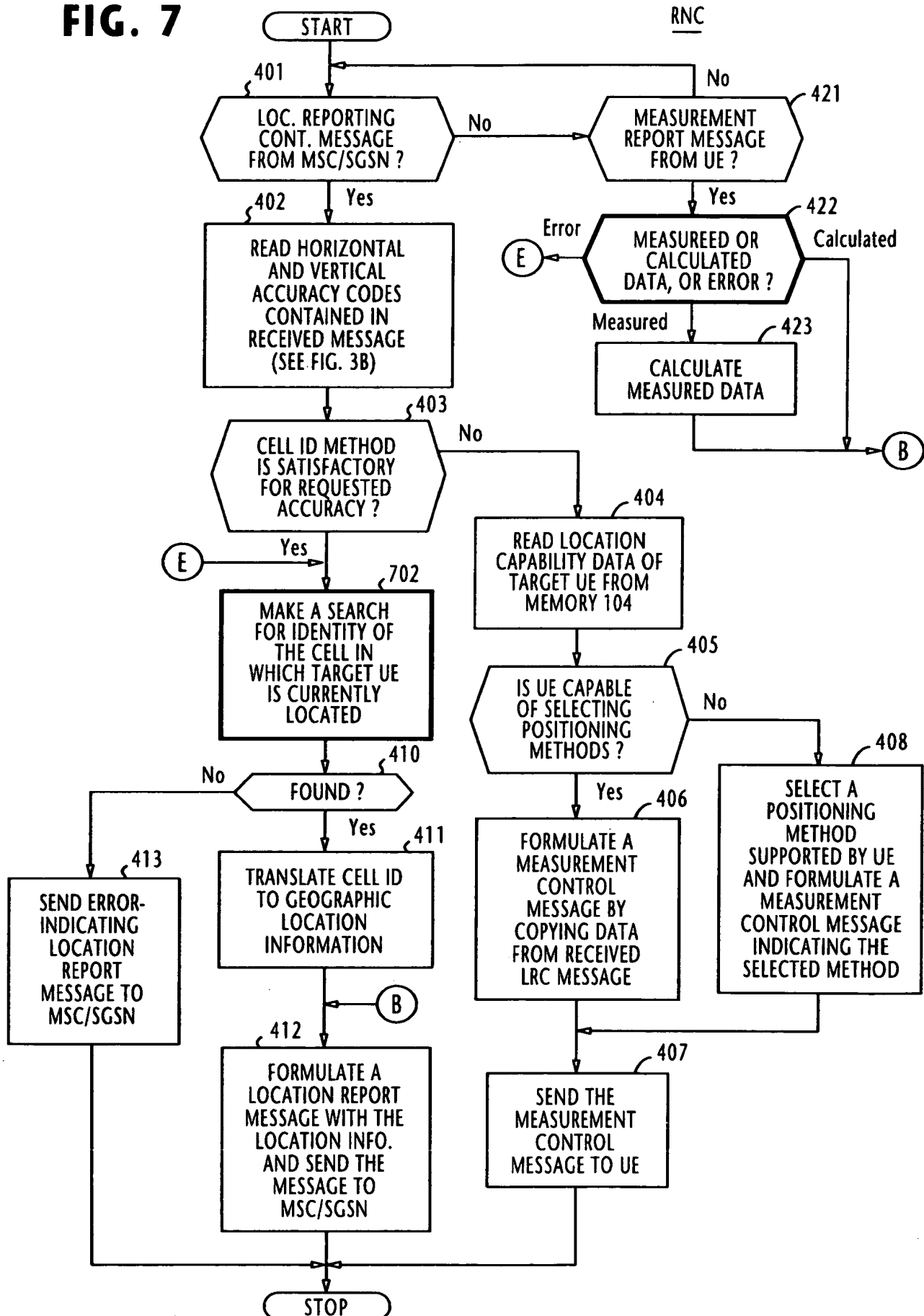


FIG. 7



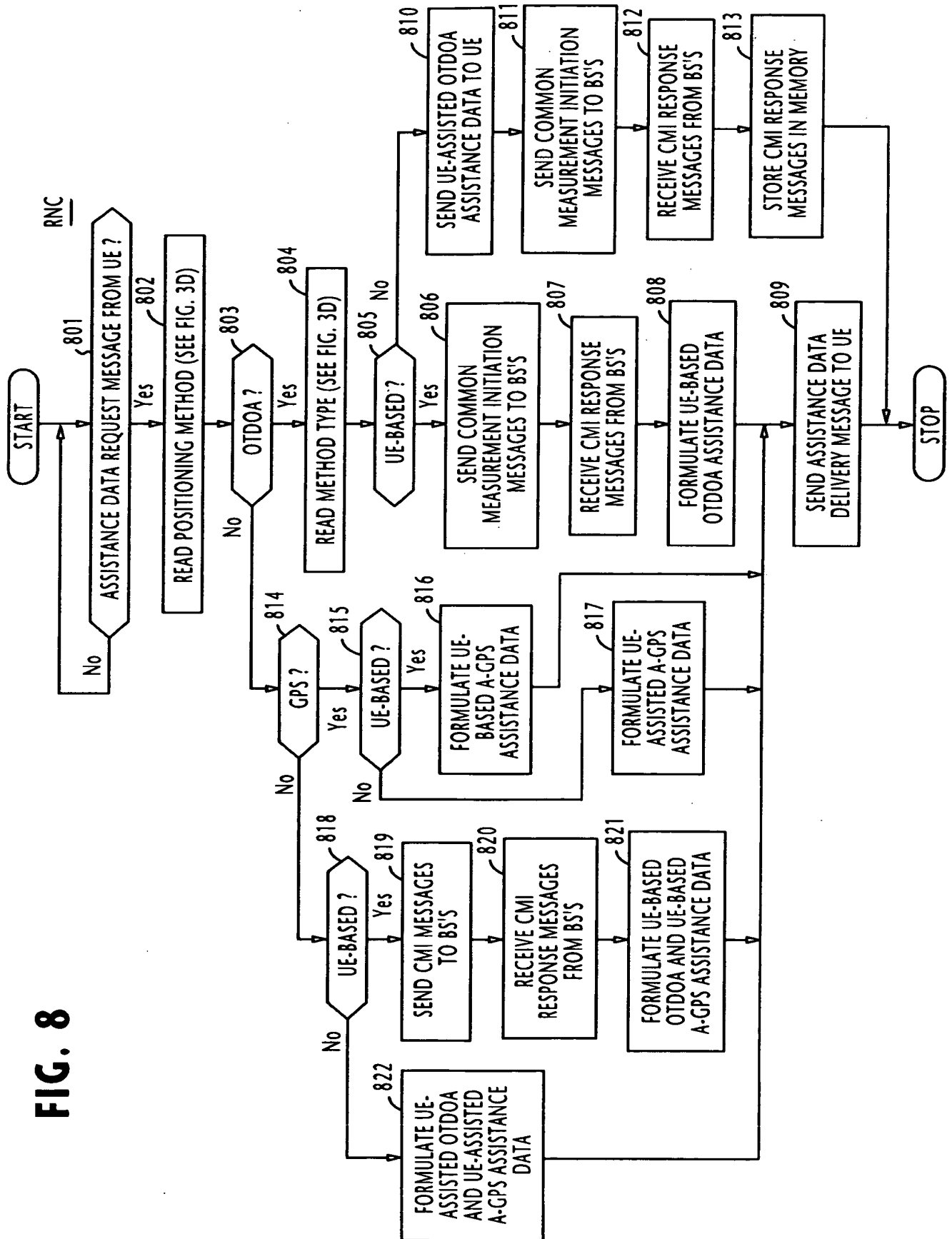


FIG. 9

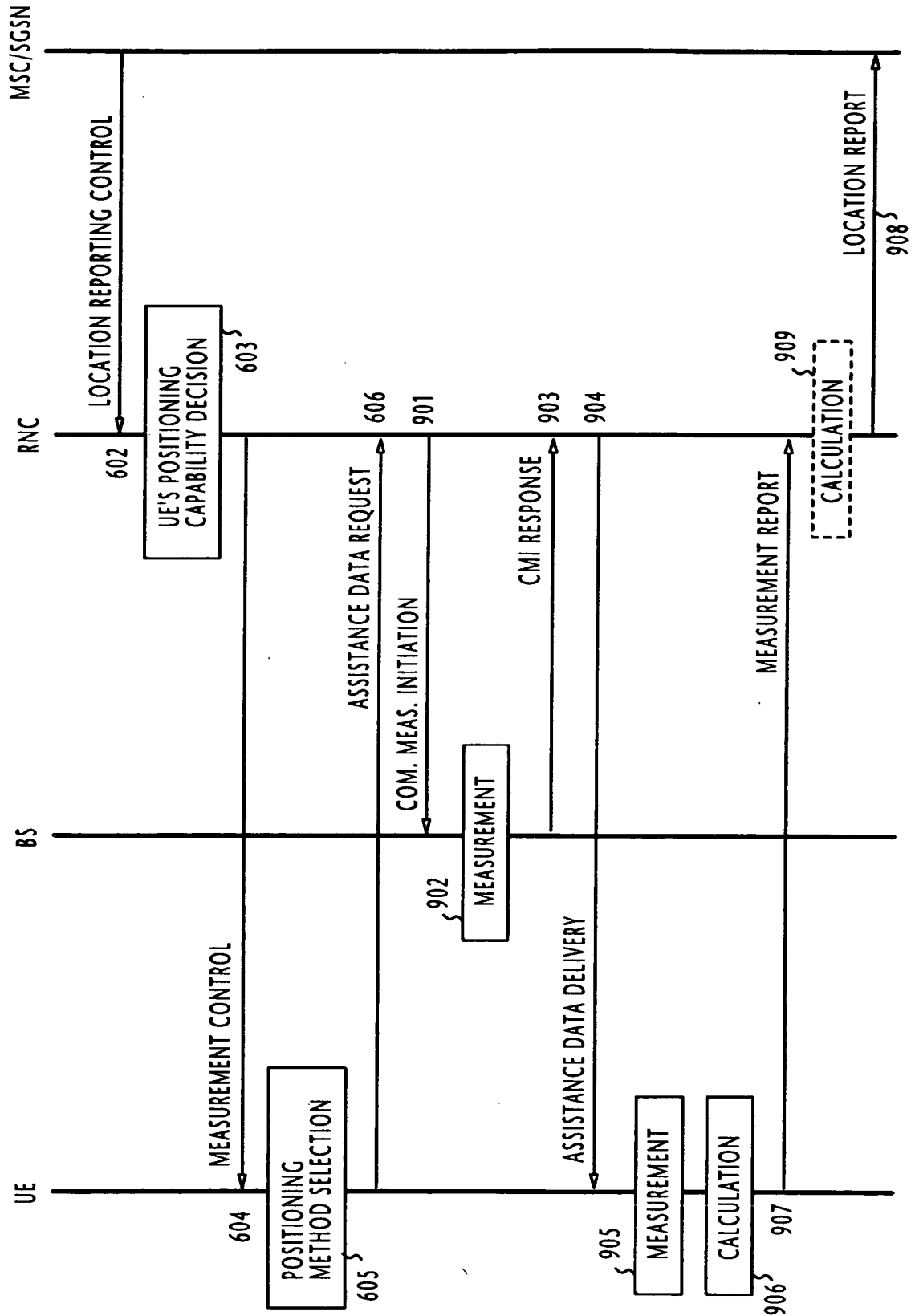


FIG. 10

LEGEND:

LRQ = LOCATION REQUEST MESSAGE

CE = CAPABILITY ENQUIRY MESSAGE

CR = CAPABILITY RESPONSE MESSAGE

ADR = ASSISTANCE DATA REQUEST MESSAGE

ADD = ASSISTANCE DATA DELIVERY MESSAGE

MRP = MEASUREMENT REPORT MESSAGE

LLRP = LOCATION REPORT MESSAGE

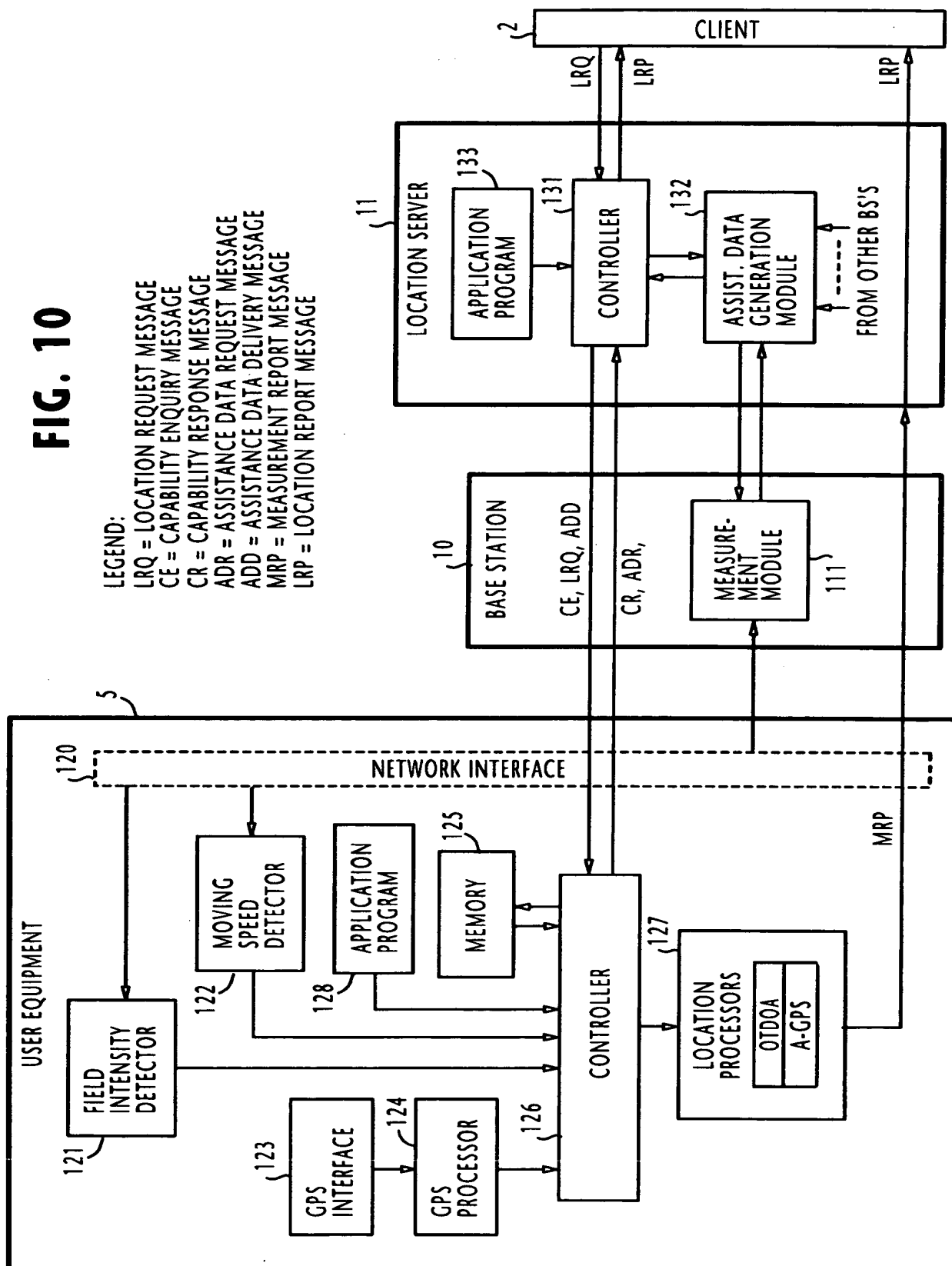


FIG. 11

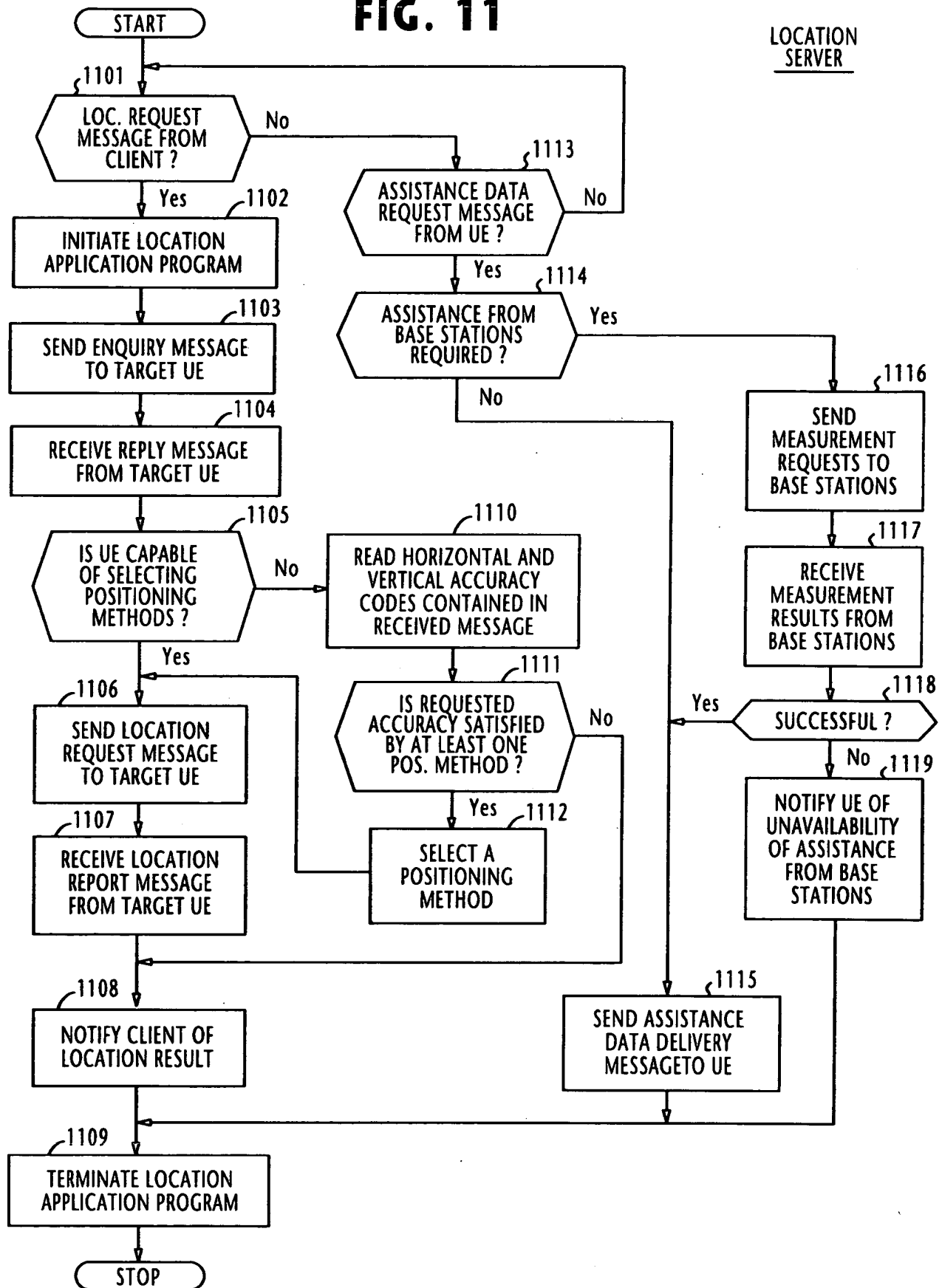


FIG. 12

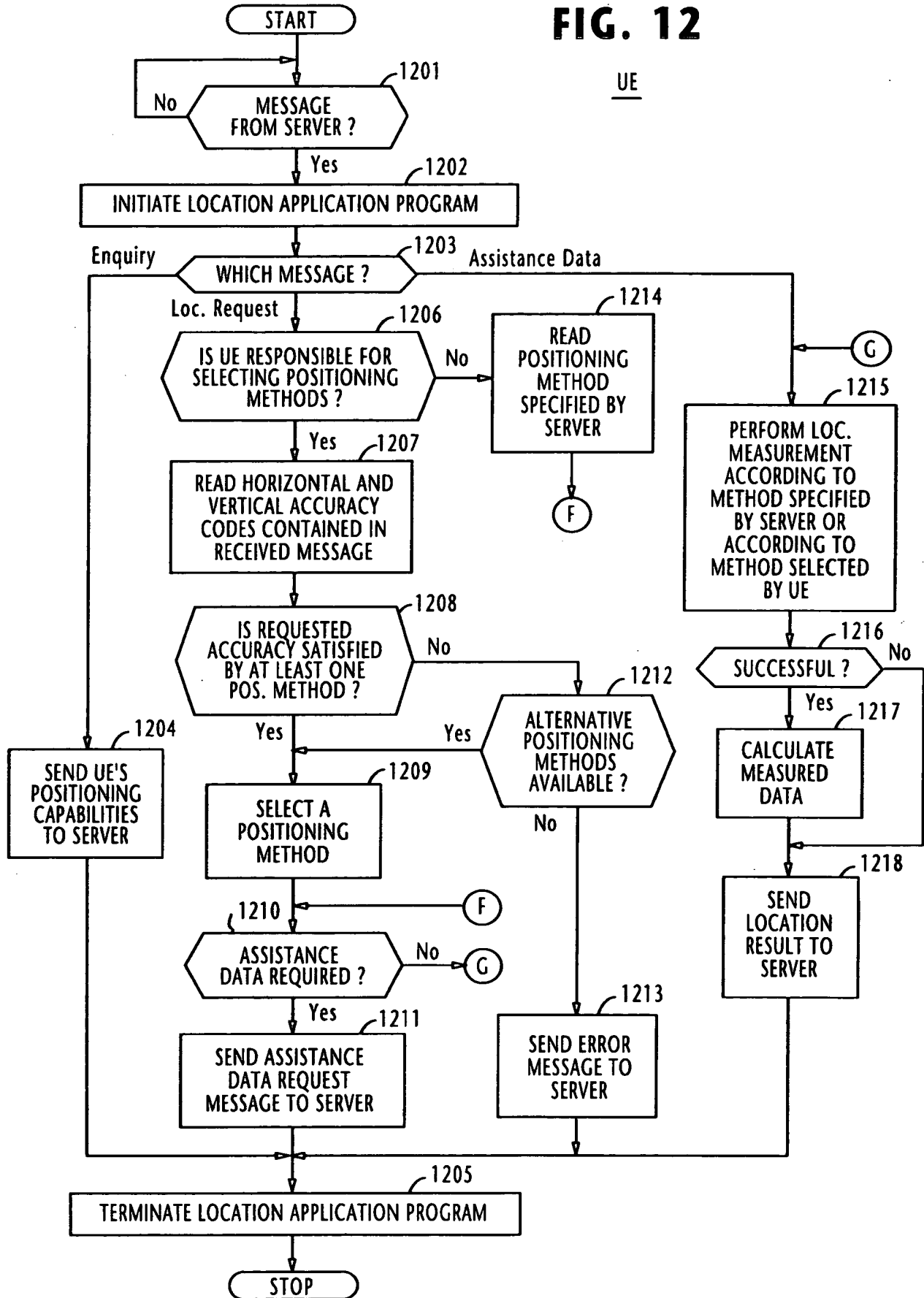
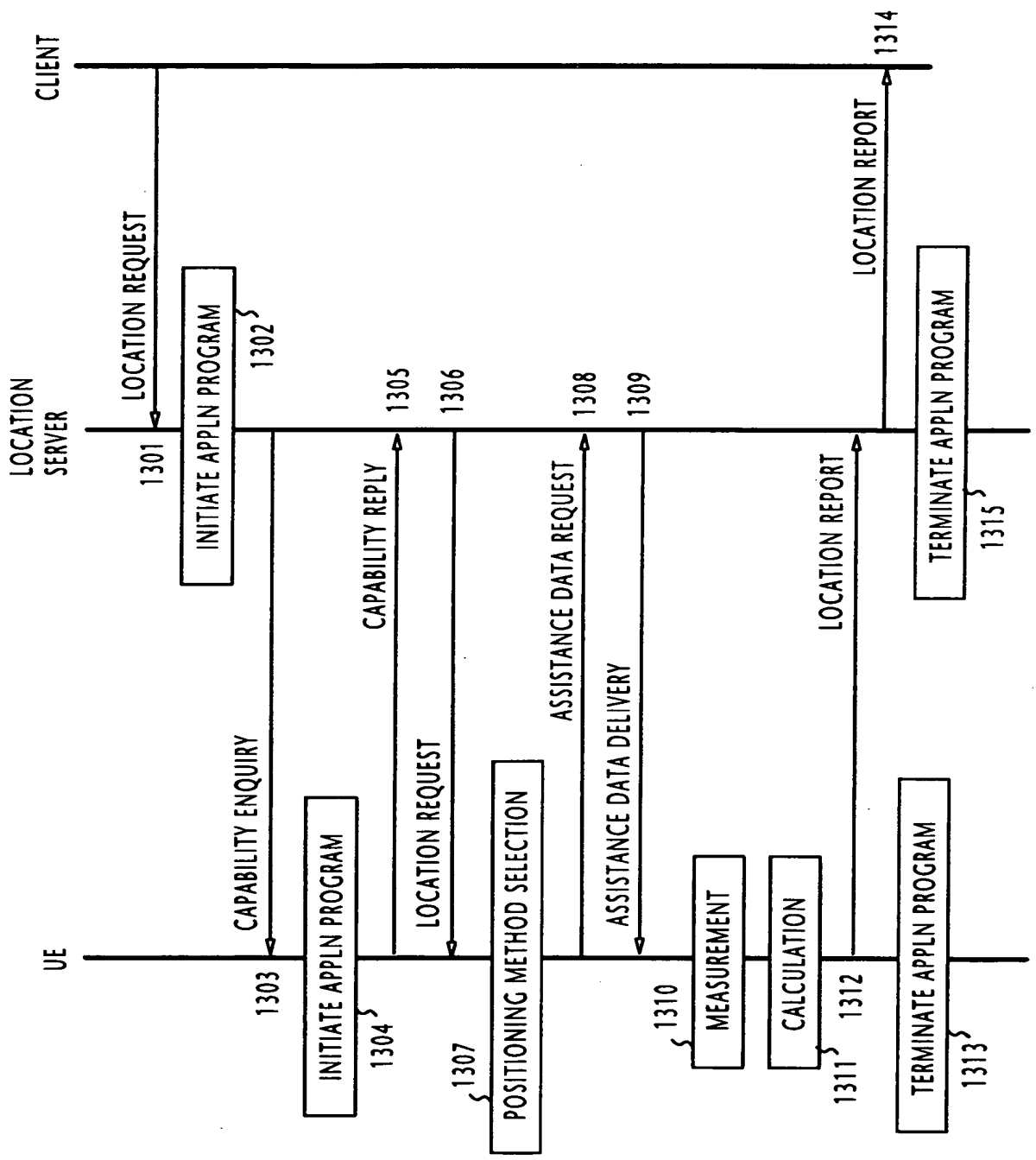


FIG. 13



UE

FIG. 14

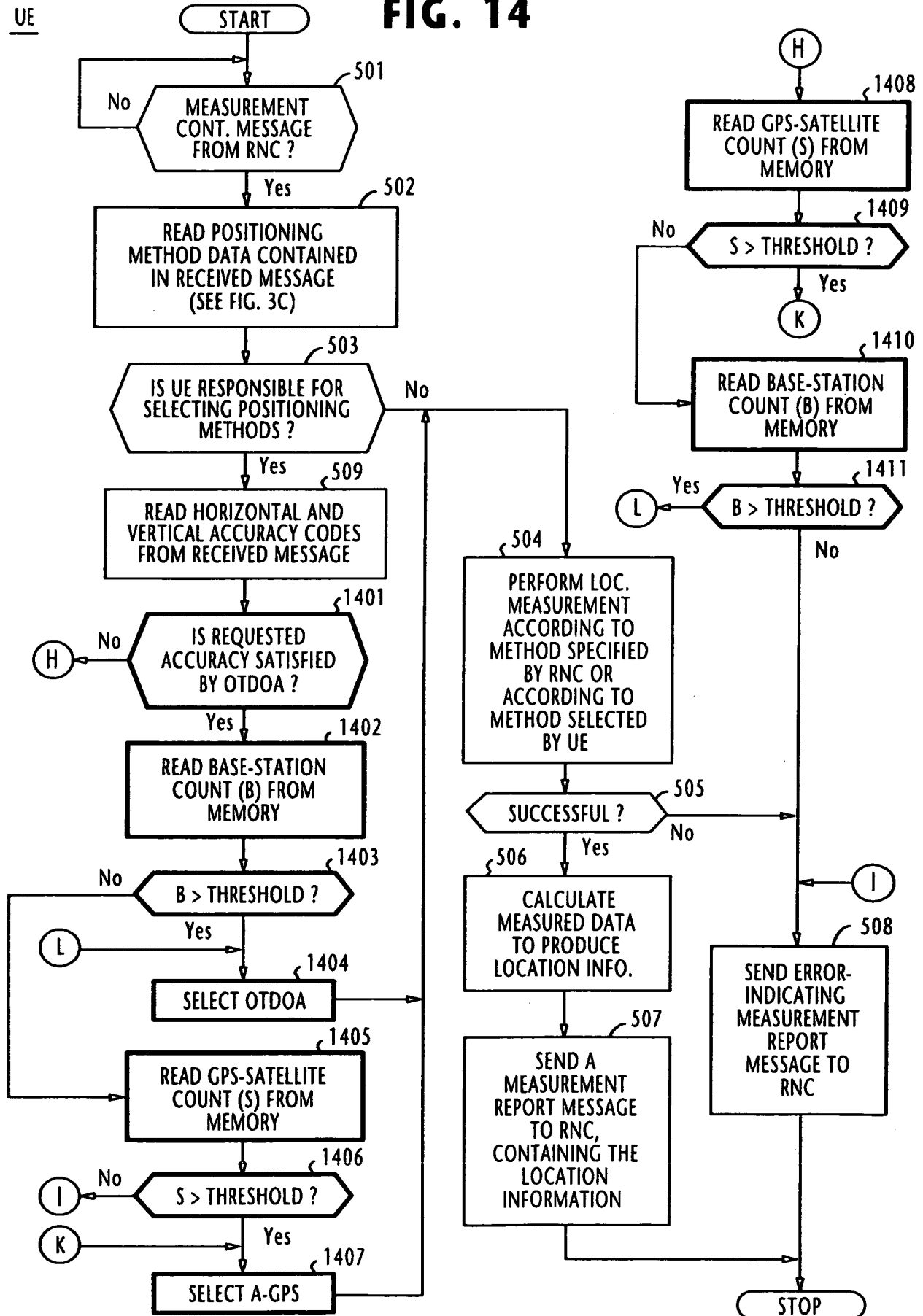


FIG. 15

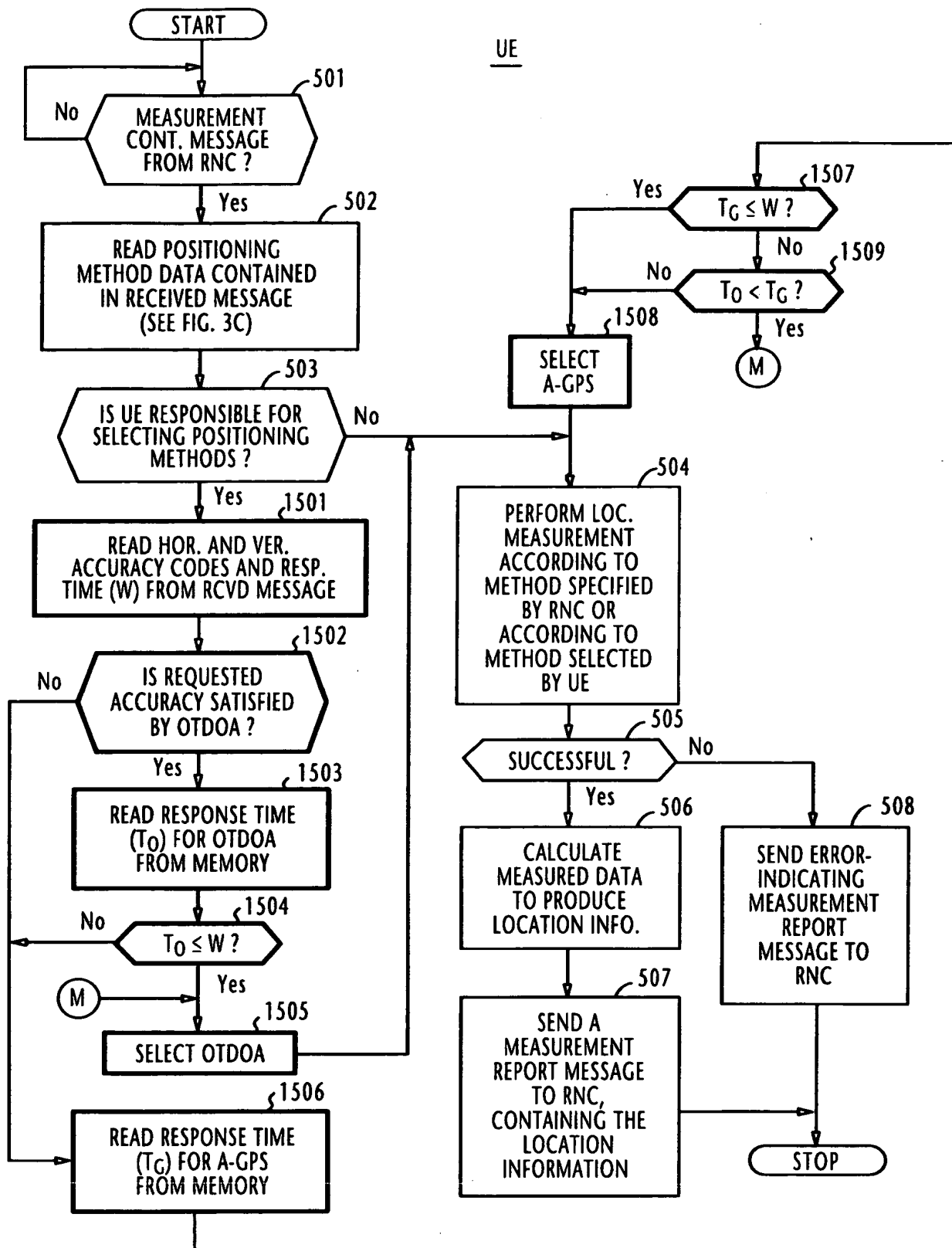


FIG. 16

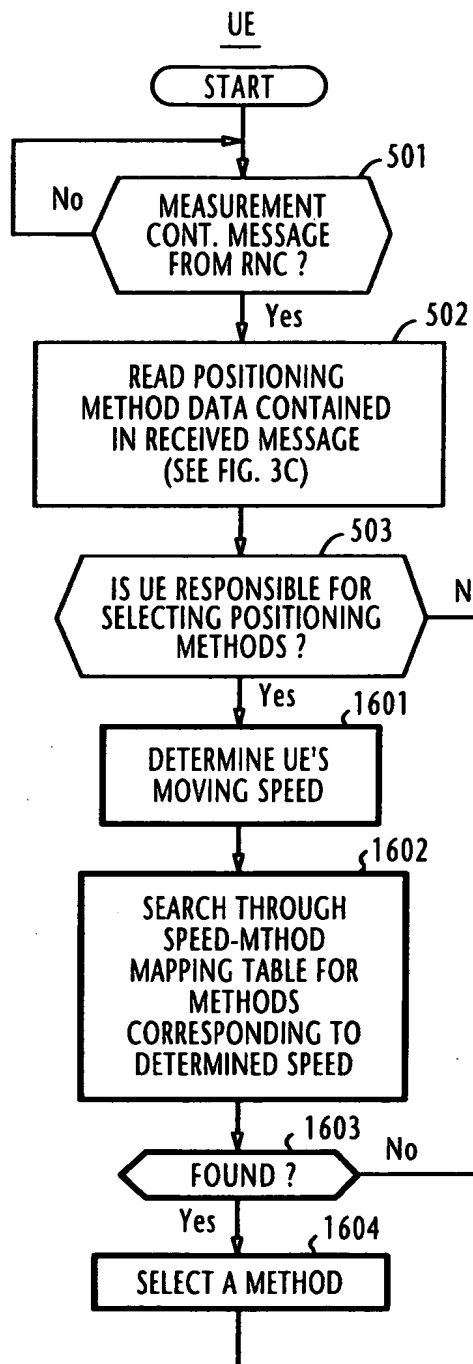


FIG. 17

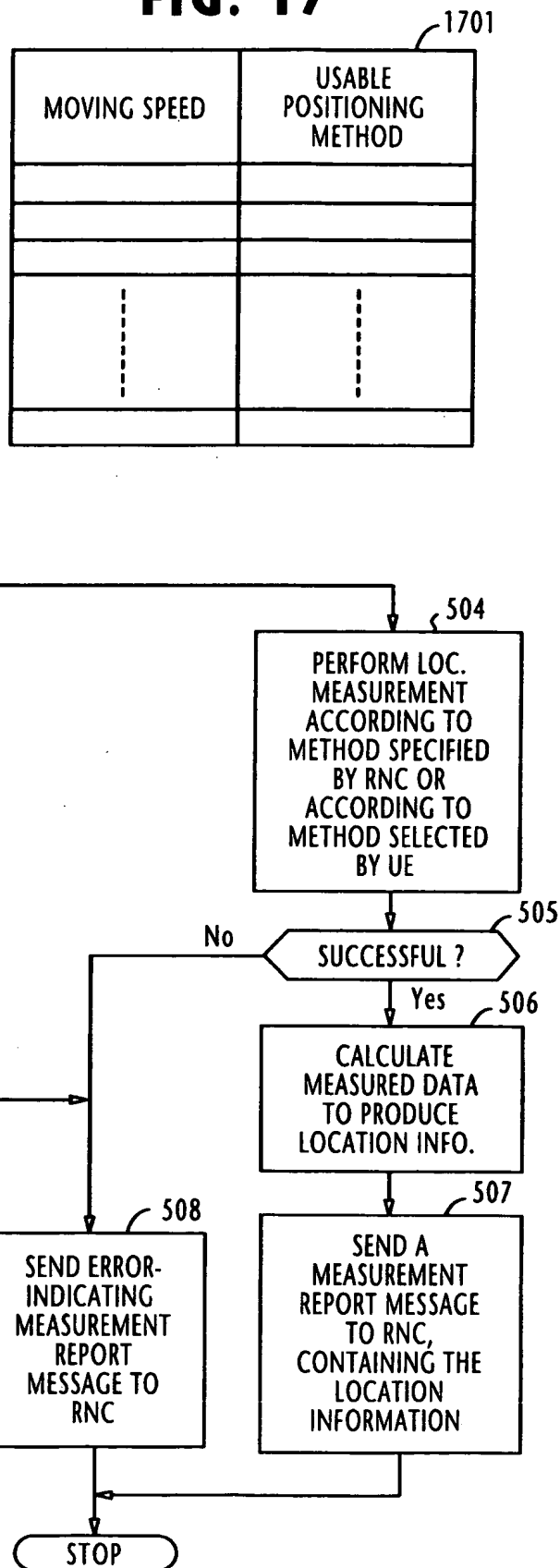


FIG. 18

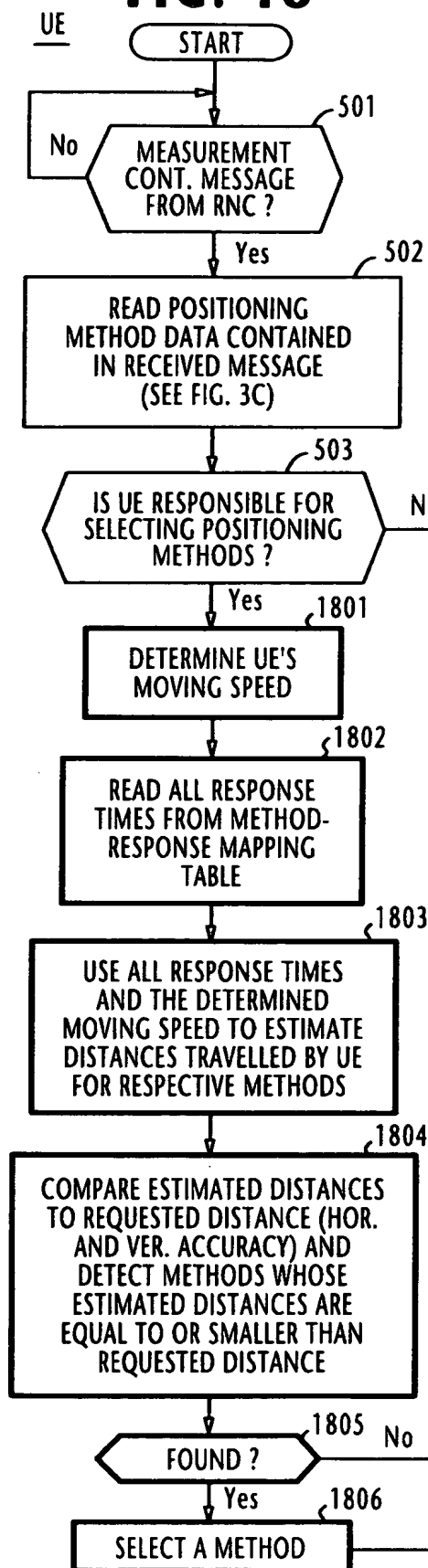


FIG. 19

1901

POSITIONING METHOD	REQUIRED RESPONSE TIME
⋮	⋮

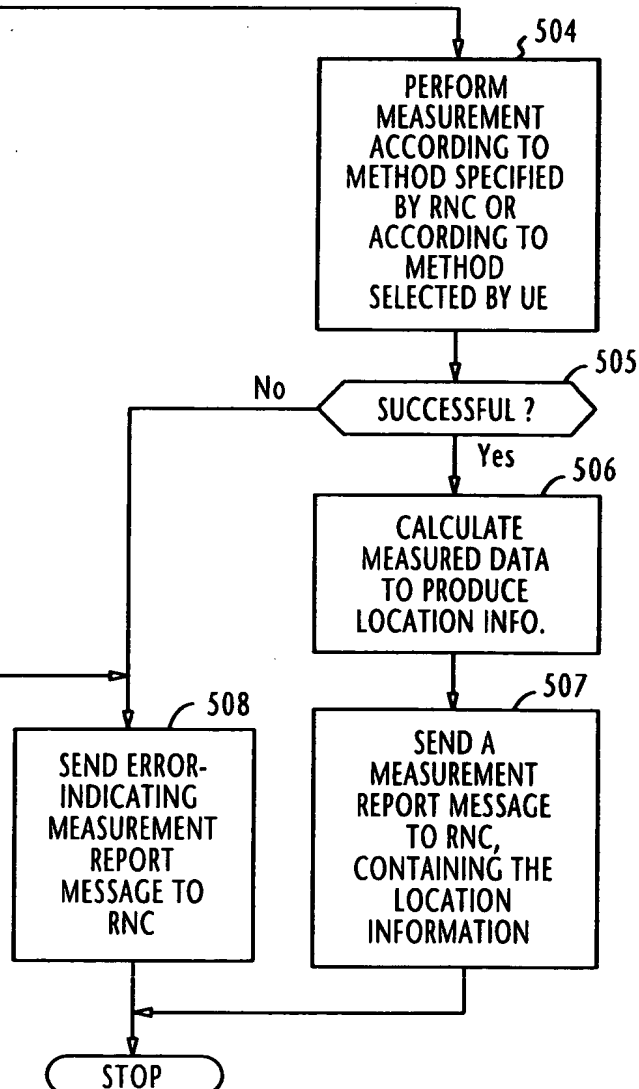


FIG. 20

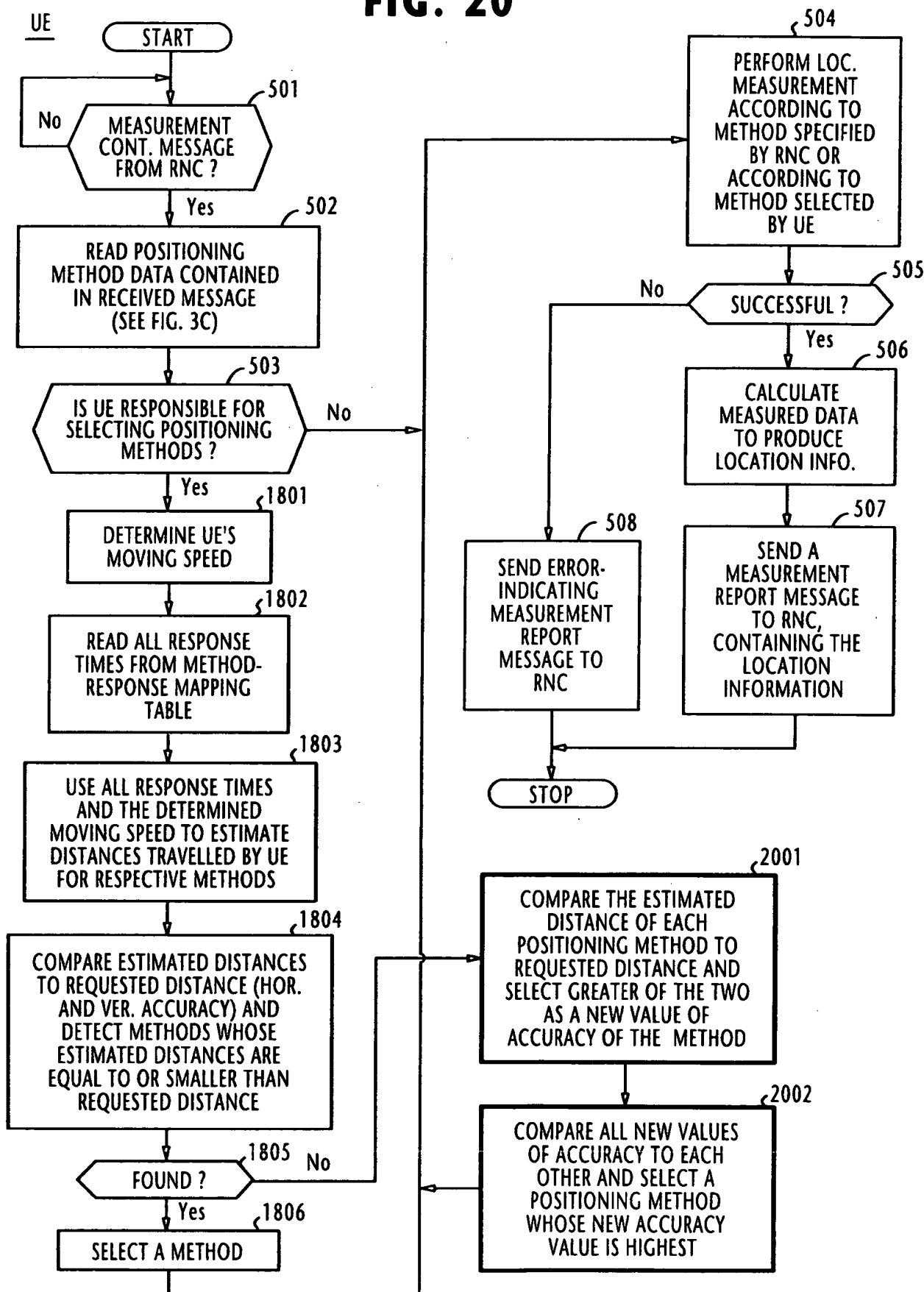


FIG. 21

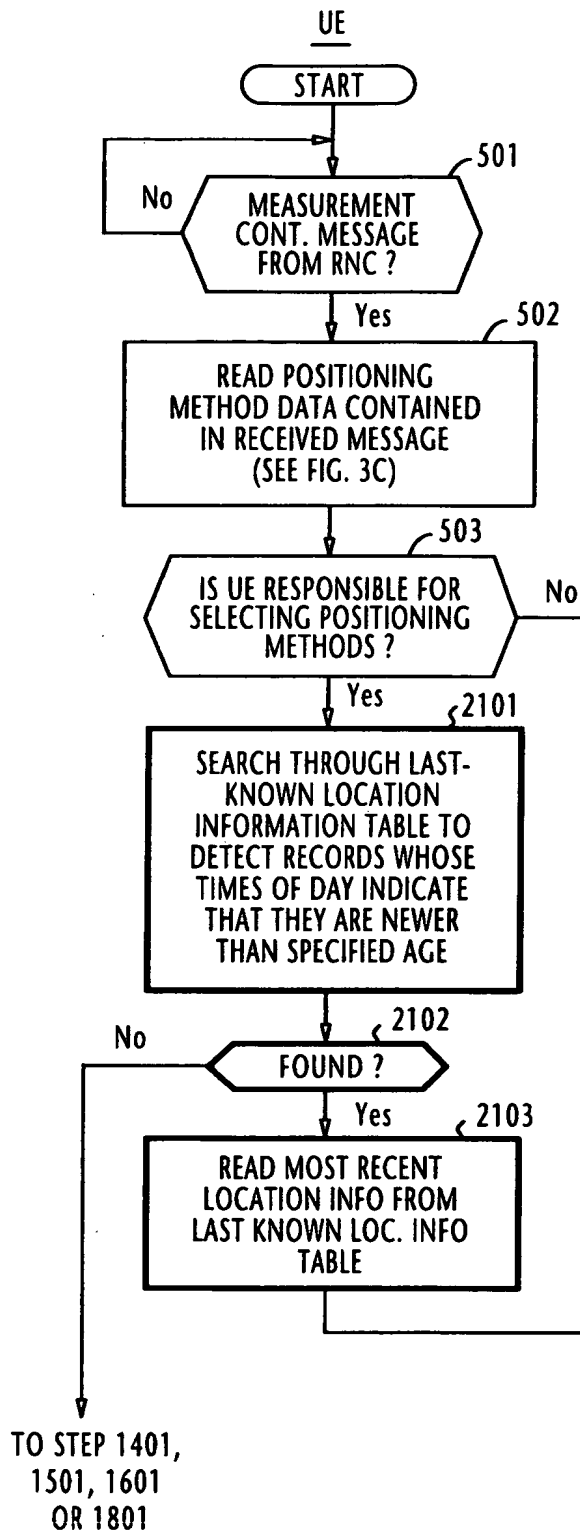


FIG. 22

LOCATION INFORMATION	TIME OF DAY